

Recombinant Human WNK4 Protein, MYC/DDK-tagged

Cat. No. WNK4-360H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human WNK4 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the WNK family of serine-threonine protein kinases. The kinase is part of the tight junction complex in kidney cells, and regulates the balance between NaCl reabsorption and K(+) secretion. The kinase regulates the activities of several types of ion channels, cotransporters, and exchangers involved in electrolyte flux in epithelial cells. Mutations in this gene result in pseudohypoaldosteronism type IIB.[provided by RefSeq, Sep 2009].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	134.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name [WNK lysine deficient protein kinase 4 \[Homo sapiens \]](#)

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Official Symbol	WNK4
Synonyms	PHA2B; PRKWNK4
Gene ID	65266
Protein Refseq	NP_115763

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